

RAW SEQUENCE LISTING

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Application Serial Number: 10/693, 480A
Source: IFW/6
Date Processed by STIC: 08/03/2006

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IFW16

RAW SEQUENCE LISTING

DATE: 08/03/2006

PATENT APPLICATION: US/10/693,480A

TIME: 08:59:01

Input Set : A:\66602-B.txt

Output Set: N:\CRF4\08032006\J693480A.raw

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3 <110> APPLICANT: ITESCU, SILVIU
5 <120> TITLE OF INVENTION: REGENERATION OF ENDOGENOUS MYOCARDIAL TISSUE
7 <130> FILE REFERENCE: 0575/66602B
9 <140> CURRENT APPLICATION NUMBER: 10/693,480A
10 <141> CURRENT FILING DATE: 2003-10-23
12 <150> PRIOR APPLICATION NUMBER: 10/128,738
13 <151> PRIOR FILING DATE: 2002-04-23
15 <160> NUMBER OF SEQ ID NOS: 11
17 <170> SOFTWARE: PatentIn version 3.3
19 <210> SEQ ID NO: 1
20 <211> LENGTH: 2780
21 <212> TYPE: DNA
22 <213> ORGANISM: HOMO SAPIENS
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41 gatgcaggga tcccagcagt gcaaacagac ttccggagtac ctgcgctatg aagacacgct      540
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45 atatgagtac aagttcggct ttgagcttcc tcaggggcct ctgggaacat ccttcaaagg      660
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85 tcaggtaaaa atggcctcct ggcgtaagct ttccaagggt ttttgaggc tttttgtaaa 1860
87 ttgtgatagg aactttggac cttgaactta cgtatcatgt ggagaagagc caatttaaca 1920
89 aactaggaag atgaaaaggg aaattgtggc caaaactttg ggaaaaggag gttcttaaaa 1980
91 tcagtgtttc ccctttgtgc acttgtagaa aaaaaagaaa aaccttctag agctgatttg 2040
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97 aaggctctta aagccatttt tggagcctat tgcactgtgt tctcctactg caaatatttt 2220
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125 <400> SEQUENCE: 2
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131 Pro Glu Lys Val Tyr Gly Ser Gly Glu Lys Val Ala Gly Arg Val Ile
132 20 25 30
135 Val Glu Val Cys Glu Val Thr Arg Val Lys Ala Val Arg Ile Leu Ala
136 35 40 45
139 Cys Gly Val Ala Lys Val Leu Trp Met Gln Gly Ser Gln Gln Cys Lys
140 50 55 60
143 Gln Thr Ser Glu Tyr Leu Arg Tyr Glu Asp Thr Leu Leu Leu Glu Asp
144 65 70 75 80
147 Gln Pro Thr Gly Glu Asn Glu Met Val Ile Met Arg Pro Gly Asn Lys
148 85 90 95
151 Tyr Glu Tyr Lys Phe Gly Phe Glu Leu Pro Gln Gly Pro Leu Gly Thr
152 100 105 110
155 Ser Phe Lys Gly Lys Tyr Gly Cys Val Asp Tyr Trp Val Lys Ala Phe
156 115 120 125
159 Leu Asp Arg Pro Ser Gln Pro Thr Gln Glu Thr Lys Lys Asn Phe Glu
160 130 135 140
163 Val Val Asp Leu Val Asp Val Asn Thr Pro Asp Leu Met Ala Pro Val
164 145 150 155 160
167 Ser Ala Lys Lys Glu Lys Lys Val Ser Cys Met Phe Ile Pro Asp Gly
168 165 170 175
171 Arg Val Ser Val Ser Ala Arg Ile Asp Arg Lys Gly Phe Cys Glu Gly
172 180 185 190
175 Asp Glu Ile Ser Ile His Ala Asp Phe Glu Asn Thr Cys Ser Arg Ile
176 195 200 205

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179 Val Val Pro Lys Ala Ala Ile Val Ala Arg His Thr Tyr Leu Ala Asn
180      210      215      220
183 Gly Gln Thr Lys Val Leu Thr Gln Lys Leu Ser Ser Val Arg Gly Asn
184 225      230      235      240
187 His Ile Ile Ser Gly Thr Cys Ala Ser Trp Arg Gly Lys Ser Leu Arg
188      245      250      255
191 Val Gln Lys Ile Arg Pro Ser Ile Leu Gly Cys Asn Ile Leu Arg Val
192      260      265      270
195 Glu Tyr Ser Leu Leu Ile Tyr Val Ser Val Pro Gly Ser Lys Lys Val
196      275      280      285
199 Ile Leu Asp Leu Pro Leu Val Ile Gly Ser Arg Ser Gly Leu Ser Ser
200      290      295      300
203 Arg Thr Ser Ser Met Ala Ser Arg Thr Ser Ser Glu Met Ser Trp Val
204 305      310      315      320
207 Asp Leu Asn Ile Pro Asp Thr Pro Glu Ala Pro Pro Cys Tyr Met Asp
208      325      330      335
211 Val Ile Pro Glu Asp His Arg Leu Glu Ser Pro Thr Thr Pro Leu Leu
212      340      345      350
215 Asp Asp Met Asp Gly Ser Gln Asp Ser Pro Ile Phe Met Tyr Ala Pro
216      355      360      365
219 Glu Phe Lys Phe Met Pro Pro Pro Thr Tyr Thr Glu Val Asp Pro Cys
220      370      375      380
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224 385      390
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228 <211> LENGTH: 1176
229 <212> TYPE: DNA
230 <213> ORGANISM: HOMO SAPIENS
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235 tacggcagtg gcgagaaggt ggctggccgg gtgatagtgg aggtgtgtga agttactcgt      120
237 gtcaaagccg ttaggatcct ggcttgccga gtggctaaag tgctttggat gcagggatcc      180
239 cagcagtgca aacagacttc ggagtacctg cgctatgaag acacgcttct tctggaagac      240
241 cagccaacag gtgagaatga gatggtgatc atgagacctg gaaacaaata tgagtacaag      300
243 ttcggctttg agcttcctca ggggcctctg ggaacatcct tcaaaggaaa atatgggtgt      360
245 gtagactact ggggtgaaggc ttttcttgac cgcccagacc agccaactca agagacaaag      420
247 aaaaactttg aagtagtgga tctggtggat gtcaataccc ctgatttaat ggcacctgtg      480
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263 ggtctaagca gcagaacatc cagcatggcc agccgaacca gctctgagat gagttgggta      960
265 gatctgaaca tccttgatac ccagaagct cctccctgct atatggatgt catttctgaa      1020
267 gatcaccgat tggagagccc aaccactcct ctgctagatg acatggatgg ctctcaagac      1080
269 agccctatct ttatgtatgc cctgagttc aagttcatgc caccaccgac ttatactgag      1140
271 gtggatccct gcacctcaa caacaatgtg cagtga      1176

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283 gaagatagat tgcaccgatg                                20
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287 <211> LENGTH: 18
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289 <213> ORGANISM: ARTIFICIAL SEQUENCE
291 <220> FEATURE:
292 <223> OTHER INFORMATION: PRIMER DIRECTED TO RAT Cinc
294 <400> SEQUENCE: 5
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298 <210> SEQ ID NO: 6
299 <211> LENGTH: 25
300 <212> TYPE: DNA
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306 <400> SEQUENCE: 6
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318 <400> SEQUENCE: 7
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323 <211> LENGTH: 21
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325 <213> ORGANISM: ARTIFICIAL SEQUENCE
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Input Set : A:\66602-B.txt

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347 <211> LENGTH: 34
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351 <220> FEATURE:
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358 <210> SEQ ID NO: 11
359 <211> LENGTH: 23
360 <212> TYPE: DNA
361 <213> ORGANISM: ARTIFICIAL SEQUENCE
363 <220> FEATURE:
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367 ccagctgggc acattcacc atg 23

VERIFICATION SUMMARY

DATE: 08/03/2006

PATENT APPLICATION: US/10/693,480A

TIME: 08:59:02

Input Set : A:\66602-B.txt

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